

ABSTRACT

The present invention relates to the use of a peptide that interacts with the $\alpha\beta 3$ integrin of endothelial cells. More particularly, the invention relates to a method for inhibiting endothelial cell adhesion, endothelial cell migration and/or angiogenesis, using a peptide consisting of at least 18 amino acids, comprising tyrosine-histidine (TY) or asparagines-histidine (NH), and at least three hydrophobic amino acids with bulky side chains; or equivalents thereof. Furthermore, the invention provides a method for treating or preventing angiogenesis-related diseases, using the peptide.